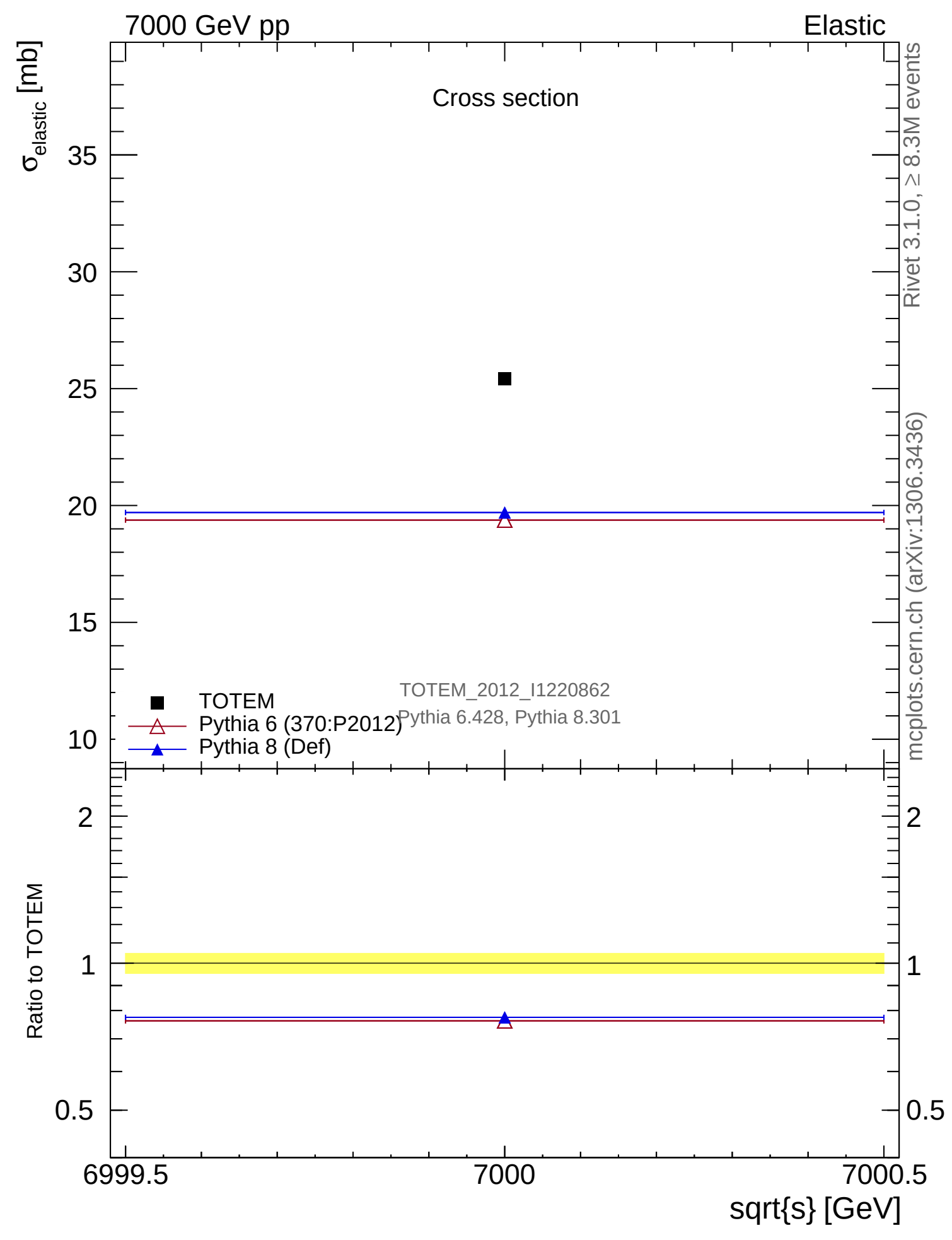
7000 GeV pp
Elastic
Cross section
σelastic [mb]
35
30
25
20
15
10
TOTEM
Pythia 6 (370:P2012)
Pythia 8 (Def)
TOTEM_2012_I1220862
Pythia 6.428, Pythia 8.301
Rivet 3.1.0, ≥ 8.3M events
mcplots.cern.ch (arXiv:1306.3436)
Ratio to TOTEM
2
1
0.5
6999.5
7000
7000.5
sqrt{s} [GeV]